

U.S. House of Representatives
Committee on Ethics

LEGISLATIVE RESOURCE CENTER

EMPLOYEE POST-TRAVEL DISCLOSURE FORM

18 JUL 26 PM 3:59

This form is for disclosing the receipt of travel expenses from private sources for travel taken in connection with official duties. This form does not eliminate the need to report privately-funded travel on the annual Financial Disclosure Statements of those employees required to file them. In accordance with House Rule 25, clause 5, **you must complete this form and file it with the Clerk of the House, 135 Cannon House Office Building, within 15 days after travel is completed.** Please do not file this form with the Committee on Ethics.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

1. Name of Traveler: Christopher Cunningham
2. a. Name of accompanying relative: _____ or None ☒
b. Relationship to Traveler: ☐ Spouse ☐ Child ☐ Other (specify): _____
3. a. Dates of departure and return: Departure: 7/22/18 Return: 7/23/18
b. Dates at personal expense (if any): _____ or None ☒
4. Departure city: Washington, DC Destination: Pittsburgh, PA Return city: Washington, DC
5. Sponsor(s) (who paid for the trip): Alliance to Save Energy
6. Describe meetings and events attended: Carnegie Mellon National Robotics Lab, Phipps Conservatory, Energy Innovation Center, Bosch Technology and Research Center, PNC Tower
7. Attached to this form are EACH of the following (*signify that each item is attached by checking the corresponding box*):
 - a. ☒ a completed Sponsor Post-Travel Disclosure Form;
 - b. ☒ the Primary Trip Sponsor Form completed by the trip sponsor prior to the trip, including all attachments and Grantmaking or Non-Grantmaking Sponsor Forms;
 - c. ☒ page 2 of the completed Traveler Form submitted by the employee; *and*
 - d. ☒ the letter from the Committee on Ethics approving my participation on this trip.
8. a. I represent that I participated in each of the activities reflected in the attached sponsor's agenda. (*Signify that statement is true by checking box*): ☒
b. If not, explain: _____

I certify that the information contained on this form is true, complete, and correct to the best of my knowledge.

SIGNATURE OF TRAVELER:  DATE: 7/26/18

I authorized this travel in advance. I have determined that all of the expenses listed on the attached Sponsor Post-Travel Disclosure form were necessary and that the travel was in connection with the employee's official duties and would not create the appearance that the employee is using public office for private gain.

NAME OF SUPERVISING MEMBER: Elizabeth H. Esty DATE: 7/26/18

SIGNATURE OF SUPERVISING MEMBER: 

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U.S. House of Representatives
Committee on Ethics

SPONSOR POST-TRAVEL DISCLOSURE FORM

This form must be completed by an officer of any organization that served as the primary trip sponsor in providing travel expenses or reimbursement for travel expenses to House Members, officers, or employees under House Rule 25, clause 5. *A completed copy of the form must be provided to each House Member, officer, or employee who participated on the trip within 10 days of their return.* You must answer all questions, and check all boxes, on this form for your submission to comply with House rules and the Committee's travel regulations. Failure to comply with this requirement may result in the denial of future requests to sponsor trips and/or subject the current traveler to disciplinary action or a requirement to repay the trip expenses.


NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

1. Sponsor(s) (who paid for the trip): Alliance to Save Energy
2. Travel Destination(s): Pittsburgh, Pennsylvania
3. Date of Departure: Sunday, July 22, 2018 Date of Return: Monday, July 23, 2018
4. Name(s) of Traveler(s): _____
(NOTE: You may list more than one traveler on a form only if all information is identical for each person listed.)
5. **Actual amount** of expenses paid on behalf of, or reimbursed to, each individual named in response to Question 4:

| | Total Transportation Expenses | Total Lodging Expenses | Total Meal Expenses | Other Expenses (dollar amount per item and description) |
|-----------------------|-------------------------------|------------------------|---------------------|---|
| Traveler | \$266.52 | \$129 | \$ | NA |
| Accompanying Relative | NA | NA | NA | NA |

6. All expenses connected to the trip were for actual costs incurred and not a *per diem* or lump sum payment. (Signify statement is true by checking box): ☒

I certify that the information contained in this form is true, complete, and correct to the best of my knowledge.

Signature: 

Name: Jason Hartke Title: President

Organization: Alliance to Save Energy

I am an officer of the above-named organization (signify statement is true by checking box): ☒

Address: 1850 M Street NW, Suite 610
Washington, DC 20036

Telephone number: (202) 857-0666

Email Address: jhartke@ase.org

Committee staff may contact the above-named individual if additional information is required.

If you have questions regarding your completion of this form, please contact the Committee on Ethics at (202) 225-7103.

U.S. House of Representatives
Committee on Ethics

TRAVELER FORM

1. Name of Traveler: Christopher Cunningham
2. Sponsor(s) (who will be paying for the trip): Alliance to Save Energy
3. Travel destination(s): Pittsburgh, Pennsylvania
4. a. Date of departure Sunday, July 22, 2018 Date of return: Monday, July 23, 2018
b. Will you be extending the trip at your personal expense? ☐ Yes ☒ No
If yes, dates at personal expense: _____
5. a. Will you be accompanied by a relative at the sponsor's expense? ☐ Yes ☒ No
b. If yes:
(1) Name of accompanying relative: _____
(2) Relationship to traveler: ☐ Spouse ☐ Child ☐ Other (specify): _____
(3) Accompanying relative is at least 18 years of age: ☐ Yes ☐ No
6. a. Did the trip sponsor answer "yes" to Question 9(d) on the Primary Trip Sponsor Form (i.e., travel is sponsored by an entity that employs a registered federal lobbyist or foreign agent and you are requesting lodging for two nights)? ☐ Yes ☒ No
b. If yes, explain why the second night of lodging is warranted:

7. Primary Trip Sponsor Form is attached, including agenda, invitee list, and any other attachments and contributing sponsor forms: ☒ Yes ☐ No
NOTE: The agenda should show the traveler's individual schedule, including departure and arrival times and identify the specific events in which the traveler will be participating.

8. Explain why participation in the trip is connected to the traveler's individual official or representational duties. Staff should include their job title and how the activities on the itinerary relate to their duties.

Chris advises the Congresswoman on transportation and infrastructure policy, and the Representative serves on the House Transportation and Infrastructure Committee. Chris is a legislative Assistant handling

9. Is the traveler aware of any registered federal lobbyists or foreign agents involved in planning, organizing, requesting, and/or arranging the trip? ☐ Yes ☒ No TeI issues

10. **FOR STAFF TRAVELERS:**

TO BE COMPLETED BY YOUR EMPLOYING MEMBER:

ADVANCED AUTHORIZATION OF EMPLOYEE TRAVEL

I hereby authorize the individual named above, an employee of the U.S. House of Representatives who works under my direct supervision, to accept expenses for the trip described in this request. I have determined that the above-described travel is in connection with my employee's official duties and that acceptance of these expenses will not create the appearance that the employee is using public office for private gain.

Date: 6/19/18

Elizabeth H. Esly
Signature of Employing Member

**U.S. House of Representatives
Committee on Ethics**

PRIMARY TRIP SPONSOR FORM

This form should be completed by private entities offering to provide travel or reimbursement for travel to House Members, officers, or employees under House Rule 25, clause 5. A completed copy of the form (and any attachments) should be provided to each invited House Member, officer, or employee, who will then forward it to the Committee together with a Traveler Form at least 30 days before the start date of the trip. The trip sponsor should NOT submit the form directly to the Committee. The Committee Web site (ethics.house.gov) provides detailed instructions for filling out the form.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001. Failure to comply with the Committee's Travel Regulations may also lead to the denial of permission to sponsor future trips.

1. Sponsor (who will be paying for the trip): _____
Alliance to Save Energy
2. I represent that the trip will not be financed (in whole or in part) by a registered federal lobbyist or foreign agent (signify that the statement is true by checking box): ☒
3. Check only one: I represent that:
 - a. the primary trip sponsor has not accepted from any other source funds intended directly or indirectly to finance any aspect of the trip ☒ or
 - b. the trip is arranged without regard to congressional participation and the primary trip sponsor has accepted funds only from entities that will receive a tangible benefit in exchange for those funds ☐ or.
 - c. the primary trip sponsor has accepted funds from other source(s) intended directly or indirectly to finance all or part of this trip and has enclosed disclosure forms from each of those entities. ☐
If "c" is checked, list the names of the additional sponsors: _____
4. Provide names and titles of ALL House Members and employees you are inviting. For each House invitee, provide an explanation of why the individual was invited (include additional pages if necessary):
Please see attached.
5. Is travel being offered to an accompanying relative of the House invitee(s)? ☐ Yes ☒ No
6. Date of departure: Sunday, July 22, 2018 Date of return: Monday, July 23, 2018
7. a. City of departure: Washington, DC
b. Destination(s): Pittsburgh, PA
c. City of return: Washington, DC
8. I represent that (check one of the following):
 - a. The sponsor of the trip is an institution of higher education within the meaning of section 101 of the Higher Education Act of 1965: ☐ or
 - b. The sponsor of the trip does not retain or employ a registered federal lobbyist or foreign agent: ☐ or
 - c. The sponsor employs or retains a registered federal lobbyist or foreign agent, but the trip is for attendance at a one-day event and lobbyist/foreign agent involvement in planning, organizing, requesting, or arranging the trip was *de minimis* under the Committee's travel regulations. ☒
9. Check one of the following:
 - a. I checked 8(a) or (b) above: ☐
 - b. I checked 8(c) above but am not offering any lodging: ☐
 - c. I checked 8(c) above and am offering lodging and meals for one night: ☒ or
 - d. I checked 8(c) above and am offering lodging and meals for two nights: ☐
If "d" is checked, explain why the second night of lodging is warranted: _____

10. Attached is a detailed agenda of the activities the House invitees will be participating in during the travel (i.e., an hourly description of planned activities for trip invitees) (indicate agenda is attached by checking box): ☒

11. Check one:

a. I represent that a registered federal lobbyist or foreign agent will not accompany House Members or employees on any segment of the trip (signify that the statement is true by checking box): ☒ or

b. N/A – trip sponsor is a U.S. institution of higher education. ☐

12. For each sponsor required to submit a sponsor form, describe the sponsor's interest in the subject matter of the trip and its role in organizing and/or conducting the trip:

The Alliance to Save Energy is an advocacy organization that advocates for using energy more productively to achieve economic growth, a cleaner environment and great energy security,

affordability and reliability. The Alliance to Save Energy, as the sole sponsor of this trip, was responsible for planning the trip in its entirety and staff members of the Alliance will

accompany all participants throughout the duration of the trip.

13. Answer parts a and b. Answer part c if necessary.

a. Mode of travel: Air ☐ Rail ☐ Bus ☒ Car ☐ Other ☐ (Specify: _____)

b. Class of travel: Coach ☒ Business ☐ First ☐ Charter ☐ Other ☐ (Specify: _____)

c. If travel will be first class or by chartered or private aircraft, explain why such travel is warranted:

14. I represent that the expenditures related to local area travel during the trip will be unrelated to personal or recreational activities of the invitee(s). (signify that the statement is true by checking box): ☒

15. I represent that either (check one of the following):

a. The trip involves an event that is arranged or organized *without regard* to congressional participation and that meals provided to congressional participants are similar to those provided to or purchased by other event attendees: ☐ or

b. The trip involves events that are arranged specifically *with regard* to congressional participation: ☒

If "b" is checked:

1) Detail the cost per day of meals (approximate cost may be provided): _____
Total cost of meals will be within the per diem limit identified by GSA (\$54)

2) Provide reason for selecting the location of the event or trip: _____
Please see attached.

16. Name, nightly cost, and reasons for selecting each hotel or other lodging facility:

Hotel name: Omni William Penn City: Pittsburgh Cost per night: \$129

Reason(s) for selecting: Meets GSA per diem and conveniently located.

Hotel name: _____ City: _____ Cost per night: _____

Reason(s) for selecting: _____

Hotel name: _____ City: _____ Cost per night: _____

Reason(s) for selecting: _____

17. I represent that all expenses connected to the trip will be for actual costs incurred and not a per diem or lump sum payment. (signify that the statement is true by checking box): ☒

18. TOTAL EXPENSES FOR EACH PARTICIPANT:

| <input type="checkbox"/> actual amounts <input checked="" type="checkbox"/> good faith estimates | Total Transportation Expenses per Participant | Total Lodging Expenses per Participant | Total Meal Expenses per Participant |
|---|--|---|--|
| For each Member, Officer, or employee | \$250 | \$129 | \$94.50 |
| For each accompanying relative | NA | NA | NA |

| | Other Expenses (dollar amount per item) | Identify Specific Nature of "Other" Expenses (e.g., taxi, parking, registration fee, etc.) |
|--|--|---|
| For each Member, Officer, or employee | NA | NA |
| For each accompanying relative | NA | NA |

**NOTE: Willful or knowing misrepresentations on this form
may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.**

19. Check one:

- a. I certify that I am an officer of the organization listed below. ☒ or
b. N/A – sponsor is an individual or a U.S. institution of higher education. ☐

20. I certify that I am not a registered federal lobbyist or foreign agent for any sponsor of this trip. ☒

21. I certify by my signature that the information contained in this form is true, complete, and correct to the best of my knowledge.

Signature: _____

Name: Jason Hartke

Title: President

Organization: Alliance to Save Energy

Address: 1850 M Street, NW, Suite 610, Washington, DC 20036

Telephone number: (202) 857-0666

Email address: jhartke@ase.org

If there are any questions regarding this form please contact the Committee at the following address:

Committee on Ethics
U.S. House of Representatives
1015 Longworth House Office Building
Washington, DC 20515
(202) 225-7103 (phone)
(202) 225-7392 (general fax)

Please contact Reed Brown
(rbrown@ase.org or 202-530-2241) with any
questions regarding the trip.

Susan W. Brooks, Indiana
Chairwoman
Theodore E. Deutch, Florida
Ranking Member

Kenny Marchant, Texas
Leonard Lance, New Jersey
Mimi Walters, California
John Ratcliffe, Texas

Yvette D. Clarke, New York
Jared Polis, Colorado
Anthony Brown, Maryland
Steve Cohen, Tennessee



ONE HUNDRED FIFTEENTH CONGRESS

U.S. House of Representatives

COMMITTEE ON ETHICS

July 6, 2018

Thomas A. Rust
Staff Director and Chief Counsel

Donna Herbert
Director of Administration

Megan Savage
*Chief of Staff and Counsel to
the Chairwoman*

Daniel J. Taylor
Counsel to the Ranking Member

1015 Longworth House Office Building
Washington, D.C. 20515-6328
Telephone: (202) 225-7103
Facsimile: (202) 225-7392

Mr. Christopher Cunningham
Office of the Honorable Elizabeth H. Esty
221 Cannon House Office Building
Washington, DC 20515

Dear Mr. Cunningham:

Pursuant to House Rule 25, clause 5(d)(2), the Committee on Ethics hereby approves your proposed trip to Pittsburgh, Pennsylvania, scheduled for July 22 to 23, 2018, sponsored by Alliance to Save Energy. We remind you that, because the trip sponsor employs a federal lobbyist, you may participate in officially-connected activity on one calendar day only.

You must complete an Employee Post-Travel Disclosure Form (which your employing Member must also sign) and file it, together with a Sponsor Post-Travel Disclosure Form completed by the trip sponsor, with the Clerk of the House within 15 days after your return from travel. As part of that filing, you are also required to attach a copy of this letter and both the Traveler and Primary Trip Sponsor Forms (including attachments) you previously submitted to the Committee in seeking pre-approval for this trip. If you are required to file an annual Financial Disclosure Statement, you must also report all travel expenses totaling more than \$390 from a single source on the "Travel" schedule of your annual Financial Disclosure Statement covering this calendar year. Finally, Travel Regulation § 404(d) also requires you to keep a copy of all request forms and supporting information provided to the Committee for three subsequent Congresses from the date of travel.

If you have any further questions, please contact the Committee's Office of Advice and Education at extension 5-7103.

Sincerely,

Susan W. Brooks
Chairwoman

Theodore E. Deutch
Ranking Member

SWB/TED:re

Addendum to House Primary Trip Sponsor Form

4.

The following members have been invited to participate on this trip.

Don Andres, Senior Policy Adviser, Office of Congressman Steve Cohen

- Congressman Cohen is a member of the House Transportation and Infrastructure Committee, which is a relevant committee given that transportation will be heavily featured as part of this trip. For this reason, Don Andres, the staff member in charge of transportation issues for Congressman Cohen, was invited to participate on this trip.

Chris Cunningham, Legislative Assistant, Office of Congresswoman Elizabeth Esty

- Congresswoman Esty is a member of the House Transportation and Infrastructure Committee and the House Science, Space and Technology Committee, both of which have jurisdictional authority over areas related to energy efficiency. She is also an active member of the Climate Solutions Caucus, which works to advance policies aimed at mitigating the impact of climate change and energy efficiency is a key pillar of those efforts. For these reasons, Chris Cunningham, the staff member in charge of transportation issues for Congresswoman Esty, was invited to participate on this trip.

~~Jefferson Deming, Legislative Director, Office of Congressman Bruce Westerman~~

- ~~• Congressman Westerman is a member of the House Transportation and Infrastructure Committee, which is a relevant committee given that transportation will be heavily featured as part of this trip. For this reason, Jefferson Deming, the staff member in charge of transportation issues for Congressman Westerman, was invited to participate on this trip.~~

~~Yul Edwards, Chief of Staff, Office of Congressman Danny Davis~~

- ~~• Congressman Davis is a member of the House Ways and Means Committee, which has jurisdiction over tax-related issues for energy efficiency. For this reason, Yul Edwards, the staff member in charge of energy issues for Congressman Davis, was invited to participate on this trip.~~

Logan Ferree, Legislative Director, Office of Congressman Jared Huffman

- Congressman Huffman is a member of the House Transportation and Infrastructure Committee, which is a relevant committee given that transportation will be heavily featured as part of this trip. For this reason, Logan Ferree, the staff member in charge of transportation issues for Congressman Huffman, was invited to participate on this trip.

Teresa Frison, Legislative Counsel, Office of Congressman Jerry McNerney

- Congressman McNerney is a member of both the House Energy & Commerce Committee and the House Science, Space and Technology Committee, which have jurisdiction over energy efficiency issues. He is also an active supporter of energy efficiency legislation and a member of the Climate Solutions Caucus. For these reasons, Teresa Frison, the staff member in charge of energy issues for Congressman McNerney, was invited to participate on this trip.

Chris Gorud, Senior Legislative Assistant, Office of Congressman Alan Lowenthal

- Congressman Lowenthal is a member of the House Transportation and Infrastructure Committee, which is a relevant committee given that transportation will be heavily featured as part of this trip. For this reason, Chris Gorud, the staff member in charge of transportation issues for Congressman Lowenthal, was invited to participate on this trip.

Jonathan Halpern, Legislative Director, Office of Congressman Sanford Bishop

- Congressman Bishop is a member of the House Appropriations Committee, which has jurisdictional authority over the funding for federal energy efficiency programs. For this reason, Jonathan Halpern, the staff member in charge of energy issues for Congressman Bishop, was invited to participate on this trip.

~~Bri Hearn, Legislative Assistant, Office of Congressman Leonard Lance~~

- ~~• Congressman Lance is a member of the House Energy & Commerce Committee, which has jurisdiction over energy efficiency issues. He is also a member of the Climate Solutions Caucus, which works to advance policies aimed at mitigating the impact of climate change and energy efficiency is a key pillar of those efforts. For these reasons, Bri Hearn, the staff member in charge of energy issues for Congressman Lance, was invited to participate on this trip.~~

~~Rob Hicks, Legislative Assistant, Office of Congresswoman Susan Brooks~~

- ~~• Congresswoman Brooks is a member of the House Energy & Commerce Committee, which has jurisdiction over energy efficiency issues. For these reasons, Rob Hicks, the staff member in charge of energy issues for Congresswoman Brooks, was invited to participate on this trip.~~

~~Taylor Hittle, Legislative Director, Office of Congressman Markwayne Mullin~~

- ~~• Congressman Mullin is a member of the House Energy & Commerce Committee, which has jurisdiction over energy efficiency issues. For these reasons, Taylor Hittle, the staff member in charge of energy issues for Congressman Mullin, was invited to participate on this trip.~~

~~Jeremy Marcus, Deputy Chief of Staff, Office of Congressman Matt Cartwright~~

- ~~• Congressman Cartwright is a Member of the House Appropriations Committee, which has jurisdiction over federal energy efficiency programs across the federal government. He has also been an energy efficiency champion during his time in Congress having sponsored or cosponsored many of the energy efficiency related bills introduced in the House of Representatives. Congressman Cartwright is also an active member of the Climate Solutions Caucus, which works to advance policies aimed at mitigating the impact of climate change and energy efficiency is a key pillar of those efforts. For these reasons, Jeremy Marcus, the staff member in charge of energy issues for Congressman Cartwright, was invited to participate on this trip.~~

12.

The subject matter of the trip is directly connected to the mission of the organization. The Alliance to Save Energy promotes energy efficiency worldwide to achieve a healthier economy, a cleaner environment and energy security. To achieve this mission, the Alliance:

- Leads worldwide energy efficiency initiatives in policy advocacy, research, education, technology deployment and communications that impact all sectors of the economy.
- Provides vision and activism which includes active and engaged members of Congress, leaders from business, the public interest sector and academia.
- Initiates and participates in public-private partnerships, collaborate efforts and strategic alliances to optimize resources and expand its sphere of influence.
- Executes its mission through a team of recognized energy efficiency experts and professionals.

The purpose of this trip is to learn about policies and best practices that are helping to drive advances in energy productivity across the country. Our hope is that through visits to sites identified on the itinerary and through meetings with local and state officials that the Congressional staff members will be able to learn about state and business activities and, in turn, use that new knowledge to develop, refine and advance policies at the federal level.

The Alliance, as the sole sponsor of this trip, organized the trip in its entirety. Additionally, members of the Alliance will accompany all participants throughout the duration of the trip.

15.

b) 2) There are several reasons why we have chosen Pittsburgh, Pennsylvania as the destination for this trip.

- The American Council for an Energy-Efficiency Economy (ACEEE) produces the annual State Energy Efficiency Scorecard, which ranks states based on energy efficiency policies and practices. Pennsylvania has made progress over the last several years that has moved it up the rankings to #19 in 2017. At the state level, Pennsylvania has focused on offering unique financing opportunities to help spur investment in energy efficiency and other clean energy technologies through programs like the Green Energy Loan Fund or the Energy Efficiency Loan Program, among others. On May 1st, Pennsylvania adopted the 2015 International Energy Conservation Code for commercial and residential buildings, which is 25 percent more efficient than its current code (2009 version). This decision will significantly improve energy efficiency in Pennsylvania's buildings. Finally, Pennsylvania has also implemented an Energy Efficiency Resource Standard, which requires utilities in the state to make annual improvements in energy conservation, and Phase III requires a cumulative average savings of approximately 3.7 percent from 2016-2021. In addition to the state ranking, ACEEE also ranks a selection of major cities on the same criteria and Pittsburgh, PA was #17 out of 51 ranked cities. At the city level, Pittsburgh has made large strides in energy efficiency throughout the city. Pittsburgh has a Climate Action Plan, which provides a framework for all of the city's efforts. Pittsburgh Mayor Bill Peduto increased the city's goals to match the Paris Climate Agreement of a

50 percent reduction in energy consumption by 2030. Therefore, Pittsburgh is a great option to learn about how a city and state have taken steps to advance energy efficiency.

- Pittsburgh boasts a wide range of field examples and opportunities to learn about energy efficiency, including:
 - Carnegie Mellon University's National Robotics Engineering Center
 - The National Robotics Engineering Center (NREC) at Carnegie Mellon University, which operates within the university's Robotics Institute, the world's largest robotics research and development organization. The NREC works with government and industry clients to develop and mature robotic technologies from concept to commercialization. A major focus of the work conducted at NREC is developing the technology that will allow for automated vehicles to function in a wide variety of applications.
 - Robert Bosch LLC's (Bosch) Research and Technology Center
 - Bosch is a multinational engineering and electronics company that is involved in many sectors, including mobility solutions, industrial technology, consumer goods, and energy and building technology. The recently opened Research and Technology Center will be the home of Bosch's innovation and product development efforts.
 - Phipps Conservatory and Botanical Gardens
 - The Phipps Conservatory is home to the Center for Sustainable Landscapes, which is the first and only buildings to meet four of the highest green certifications: Living Building Challenge, LEED Platinum, Four Stars Sustainable SITES Initiative and WELL Building Platinum. The building generates all of its own energy and also treats all storm and sanitary water captured on-site. This facility serves as a "living museum" and demonstrates methods of how the built environment can interact with the natural environment in a sustainable manner. The visit to the Phipps Conservatory and Botanical Gardens will involve a meeting with facility representatives to learn about the building, as well as a tour.
 - Covestro's Energy Innovation Center
 - The mission of the Energy Innovation Center is to contribute to social responsible workforce development, foster energy and sustainable technology advancement, and assist in job creation through a commitment to diversity, innovation and comprehensive education. The center is located in a LEED Platinum facility and serves as a "living laboratory" for industry-informed education and training programs and a center that co-locates diverse tenants, including energy sector corporations, national energy research laboratories, political and community leaders, economic development organizations and leading academic institutions. The visit to the Energy Innovation Center will include a tour of the facility and meeting with representatives from the center who will provide an overview of the facility and how it is leveraging the collaboration of its diverse tenants to advance clean, efficient and sustainable energy solutions and technologies.
 - Tour of PNC Tower

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|------------------------------|---|
| Sunday, July 22, 2018 | |
| 5:00 PM | Depart Union Station on Bus for Pittsburgh, Pennsylvania |
| 9:00 PM | Arrive in Pittsburgh Omni William Renn 530 William Penn Place, Pittsburgh, PA 15219 |
| Monday, July 23, 2018 | |
| 8:45 AM | Depart Hotel for Carnegie Mellon University National Robotics Engineering Center <i>Bus</i> |
| 9:00 AM – 11:00 AM | National Robotics Engineering Center at Carnegie Mellon University 10 40 th Street, Pittsburgh, PA 15201 <i>Rob Toth, Associate Director of Business Development</i> The National Robotics Engineering Center (NREC) at Carnegie Mellon University, which operates within the university's Robotics Institute, the world's largest robotics research and development organization. The NREC works with government and industry clients to develop and mature robotic technologies from concept to commercialization. A major focus of the work conducted at NREC is developing the technology that will allow for automated vehicles to function in a wide variety of applications. The visit will involve a tour of the facility and meetings with staff to learn about the work being done at the center. |
| 11:00 AM | Depart the National Robotics Engineering Center for the Phipps Conservatory <i>Bus</i> |
| 11:30 AM- 12:45 PM | Arrive at Phipps Conservatory 1 Schenley Drive, Pittsburgh, PA 15213 <i>Samantha Haines, Guest Services Associate</i> The Phipps Conservatory is home to the Center for Sustainable Landscapes, which is the first and only buildings to meet four of the highest green certifications: Living Building Challenge, LEED Platinum, Four Stars Sustainable SITES Initiative and WELL Building Platinum. The building generates all of its own energy and also treats all storm and sanitary water captured on-site. This facility serves as a "living museum" and demonstrates methods of how the built environment can interact with the natural environment in a sustainable manner. The visit to the Phipps Conservatory and Botanical Gardens will involve a meeting with facility representatives to learn about the building, as well as a tour. |
| 12:45 PM | Depart Phipps Conservatory for Covestro <i>Bus</i> |
| 1:15PM – 2:45 PM | Arrive at Covestro's Bright Space and Energy Innovation Center 1435 Bedford Avenue, Pittsburgh, PA 15219 <i>Richard Skorpenske, Polyurethane Advocacy and Sustainability</i> The mission of the Energy Innovation Center is to contribute to social responsible workforce development, foster energy and sustainable technology advancement, and assist in job creation through a commitment to diversity, innovation and comprehensive education. The center is located in a LEED Platinum facility and serves as a "living laboratory" for industry-informed education and training programs and a center that co-locates diverse tenants, including energy sector corporations, national energy research laboratories, political and community leaders, economic development organizations and leading academic institutions. The visit to the Energy Innovation Center will include a tour of the facility and meeting with representatives from the center who will provide an overview of the facility and how it is |

| | |
|----------------------|--|
| | leveraging the collaboration of its diverse tenants to advance clean, efficient and sustainable energy solutions and technologies. |
| 2:45 PM | Depart Covestro for Bosch Research and Technology Office <i>Bus</i> |
| 3:00 PM – 4:30 PM | Arrive at Bosch Research and Technology Center 2555 Smallman Street, Suite 301, Pittsburgh, PA 15222 <i>Chris Marten, Director of the Research and Technology Center</i> Bosch is a multinational engineering and electronics company that is involved in many sectors, including mobility solutions, industrial technology, consumer goods, and energy and building technology. The recently opened Research and Technology Center will be the home of Bosch's innovation and product development efforts. This visit will involve a tour of the center and meetings with staff to learn about Bosch and how it is working to advance energy efficiency. |
| 4:30 PM | Depart Bosch for PNC Tower <i>Bus</i> |
| 4:45 PM – 5:30 PM | Arrive at PNC Tower 300 Fifth Avenue, Pittsburgh, PA 15222 <i>Mary Catherine Cappiello, Guest Services Supervisor</i> PNC Tower in Pittsburgh is the greenest office tower in the world and exceeds the criteria for meeting LEED Platinum certification. In order to achieve this, PNC Tower has incorporated energy efficiency and other sustainable systems throughout the building, such as high-efficiency lighting and HVAC, smart building automation, near zero waste program and the incorporation of natural light. All of these components are expected to help the building consume more than 50 percent less energy than a typical office building. The visit to PNC Tower will feature a tour to learn about the building's design and what steps were needed to make the building a reality. |
| 5:30 PM – 7:00 PM | Public Reception at PNC Tower (planned without regard to congressional staff) 300 Fifth Avenue, Pittsburgh, PA 15222 |
| 7:00 PM | Depart PNC Tower for Washington, DC |
| 11:00 PM | Arrive at Union Station in Washington, DC |

- PNC Tower in Pittsburgh is the greenest office tower in the world and exceeds the criteria for meeting LEED Platinum certification. In order to achieve this, PNC Tower has incorporated energy efficiency and other sustainable systems throughout the building, such as high-efficiency lighting and HVAC, smart building automation, near zero waste program and the incorporation of natural light. All of these components are expected to help the building consume more than 50 percent less energy than a typical office building. The visit to PNC Tower will feature a tour to learn about the building's design and what steps were needed to make the building a reality.